


PATENT

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Divisional Application of:	)	<u>CERTIFICATE OF EXPRESS MAILING</u>
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Attorney Docket: 1256-00941	)	EXPRESS MAIL in an envelope addressed
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<b>Parent Application Data:</b>	)	1450, Alexandria, VA 22313-1450, on this
Application No.: 10/127,180	)	22nd day of January, 2004. The Express
Filed: April 22, 2002	)	Mail Label is EV383667464US.
Examiner: Sabiha Naim Qazi	)	
Group Art Unit: 1616	)	 January 22, 2004
(20S)-1 $\alpha$ -Hydroxy-2 $\alpha$ -Methyl and	)	Dorothy A. Hauser Date
2 $\beta$ -Methyl-19-Nor-Vitamin D <sub>3</sub> and	)	
Their Uses	)	

INFORMATION DISCLOSURE STATEMENT

Mail Stop: Divisional Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

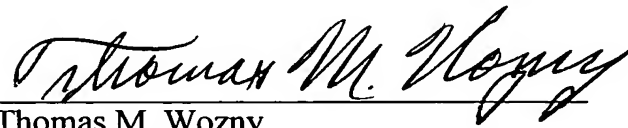
Sir:

The references listed on the enclosed PTO Form 1449 are being submitted in the above-identified patent application in accordance with 37 CFR 1.97(b)(1).

A copy of each of the listed references is enclosed in compliance with the rules.

Respectfully submitted,

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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Completeness** if  $K_n \supseteq W_n$

Application Number

Filing Date

January 22, 2004

First Named Inventor

Hector F. DeLuca

## Art Unit

Examiner Name

Attorney Docket Number

1256-00941

Sheet	1	of	2
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number		
				Filing Date	January 22, 2004	
				First Named Inventor	Hector F. DeLuca	
				Art Unit		
Examiner Name						
Attorney Docket Number	1256-00941					
Sheet	2	of	2			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		SICINSKI ET AL, "New 1Alpha-25-Dihydroxy-19-Norvitamin D3 Compounds of High Biological Activity: Synthesis and Biological Evaluation of 2-Hydroxymethyl, 2-Methyl, and 2-Methylene Analogues," Journal of Medicinal Chemistry, American Chemical Society, 22 October 1998, pp. 4662-4674, Vol. 41, XP002105465.	
		BOUILLON ET AL, "Structure-Function Relationships in the Vitamin D Endocrine System," Endocrine Reviews, April 1995, pp. 200-257, Vol. 16, No. 2, XP002247361.	
		CASTEDO ET AL, Palladium-Catalyzed Synthesis of Dienynes Related to Vitamin D from Enol Triflates," Tetrahedron Letters, 1986, pp. 1523-1526, Vol. 27, No. 13, XP009013726.	

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